

ATGATGGCTGCAGGCCCCCGACCTCCCTGCTCCTGGCTTTGCCCTGCTCTGCCCTGCC
 M M A A G P R T S L L L A F A L L C A L P
 -20 10

TGGACTCAGGTGGTGGGCGCCTTCCCAGCCATGTCCTTGTCCGGCCTGTTTGCCAACGGT
 W T Q V V G A F P A M S L S G L F A N A

Helix I
 GTGCTCCGGGCTCAGCACCTGCATCAGCTGGCTGCTGACACCTTCAAAGAGTTTGAGCGC
 V L R A Q H L H Q L A A D T F K E F E R
 20 30

ACCTACATCCCGAGGGACAGAGATACTCCATCCAGAACACCCAGGTTGCCTTCTGCTTC
 T Y I P E G Q R Y S I Q N T Q V A F C F
 40 50

Helix II
 TCTGAAACCATCCCGCCCCCACGGGCAAGAATGAGGCCAGCAGAAATCAGACTTGGAG
 S E T I P A P T G K N E A Q Q K S D L E
 60 70

Helix I
 CTGCTTCGCATCTCACTGCTCCTCATCCAGTCGTGGCTTGGGCCCCCTGCAGTTCTCAGC
 L L R I S L L L I Q S W L G P L Q F L S
 80 90

Helix I
 AGAGTCTTACCAACAGCTTGGTGTITGGCACCTCGGACCGTGTCTATGAGAAGCTGAAG
 R V F T N S L V F G T S D R V Y E K L K
 100 110

Helix III
 GACCTGGAGGAAAGGATCCTGCCCCGTATGCGGGAGCTGGAAGATGGCACCCCCCGGGCT
 D L E E R I L A L M R E L E D G T P R A
 120 130

Helix I
 GGCAGATCCTCAAGCAGACCTATGACAAATTTGACACAAACATGCGCAGTGACGACGG
 G Q I L K Q T Y D K F D T N M R S D D A
 140 150

Helix IV
 CTGCTCAAGAACTACGGTCTGCTCTCCTGCTTCCGGAAGGACCTGCATAAGACGGAGAC
 L L K N Y G L L S C F R K D L H K T E T
 160 170

Helix I
 TACCTGAGGGTCATGAAGTGCCGCCGCTTCCGGGAGGCCAGCTGTGCCTTCTAG
 Y L R V M K C R R F G E A S C A F END
 180 190

FIG. 1

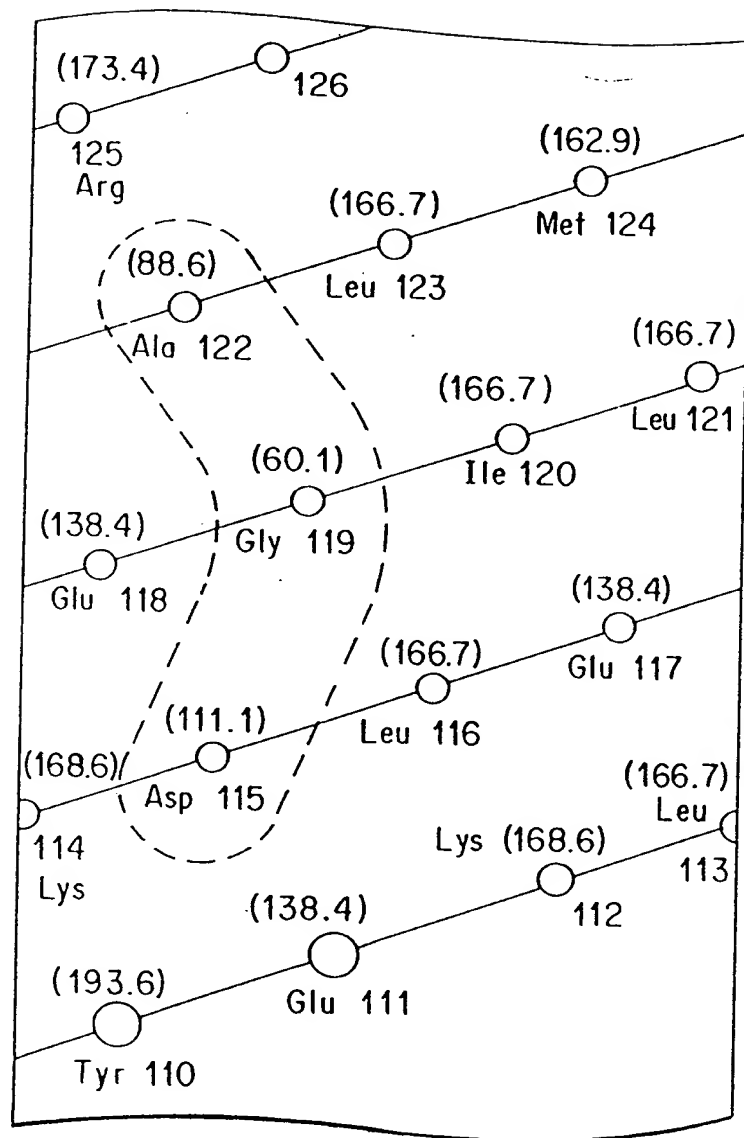


FIG. 3



ATG ATG GCT GCA GGC CCG GGG ACG TCG CTC CTC GCT TTC GCG CTC CTC TGC CTG GCG
M M A A G P R T S L L L A F A L L C L P

-20

10

TGG ACT CAG GTG GTG GGC GCG TTC CAG GCG ATG TCG TTG TCG GCG CTC TTT GCG ACG GCT
W T Q V V G A F P A M S L S G L F A N A

1

10

Helix I
GTG CTC GCG GCT CAG CAC CTG CAT CAG CTG GCT GGT GAC ACG TTC AAG GAG TTT GAG GCG
V L R A Q H L H Q L A A D T F K E F E R

20

30

ACG TAC ATC CCG GAG GGA CAG AGA TAC TCG ATC CAG ACG ACG CAG GTT GCG TTC TGC TTC
T Y I P E G Q R Y S I Q N T Q V A F C F

40

50

Helix II
TCT GAA ACC ATC CCG GCG CCG ACG GCG AAG ATG GAG GCG CAG CAG AAT CAG ACT TGG GAG
S E T I P A P T G K N E A Q Q K S D L E

60

70

CTG CTT CGC ATC TCA CTG CTC CTC ATC CAG TCG TGG CTT GCG CCG CTG CAG TTC CTC ACG
L L R I S L L L I Q S W L G P L Q F L S

80

90

AGA GTC TTC ACC AAG AGC TTG GTG TTT GCG ACG TCG GAG CGT GTC TAT GAG AAG CTG AAG
R V F T N S L V F G T S D R V Y E K L K

100

110

Helix III
GAC CTG GAG GAA AGG ATC CTG GCG CTG ATG CCG GAG CTG GAA GAT GGC ACG CCG CCG GCT
D L E E R I L A L M R E L E D G T P R A

120

130

GGG CAG ATC CTC AAG CAG ACG TAT GAG AAT TTT GAG ACA AAG ATG CCG AGT GAG GAG GCG
G Q I L K Q T Y D K F D T N M R S D D A

140

150

Helix IV
CTG CTC AAG AAC TAC GGT CTG CTC TCG TCG TTC CCG AAG GAG CTG CAT AAG ACG GAG ACG
L L K N Y G L L S C F R K D L H K T E T

160

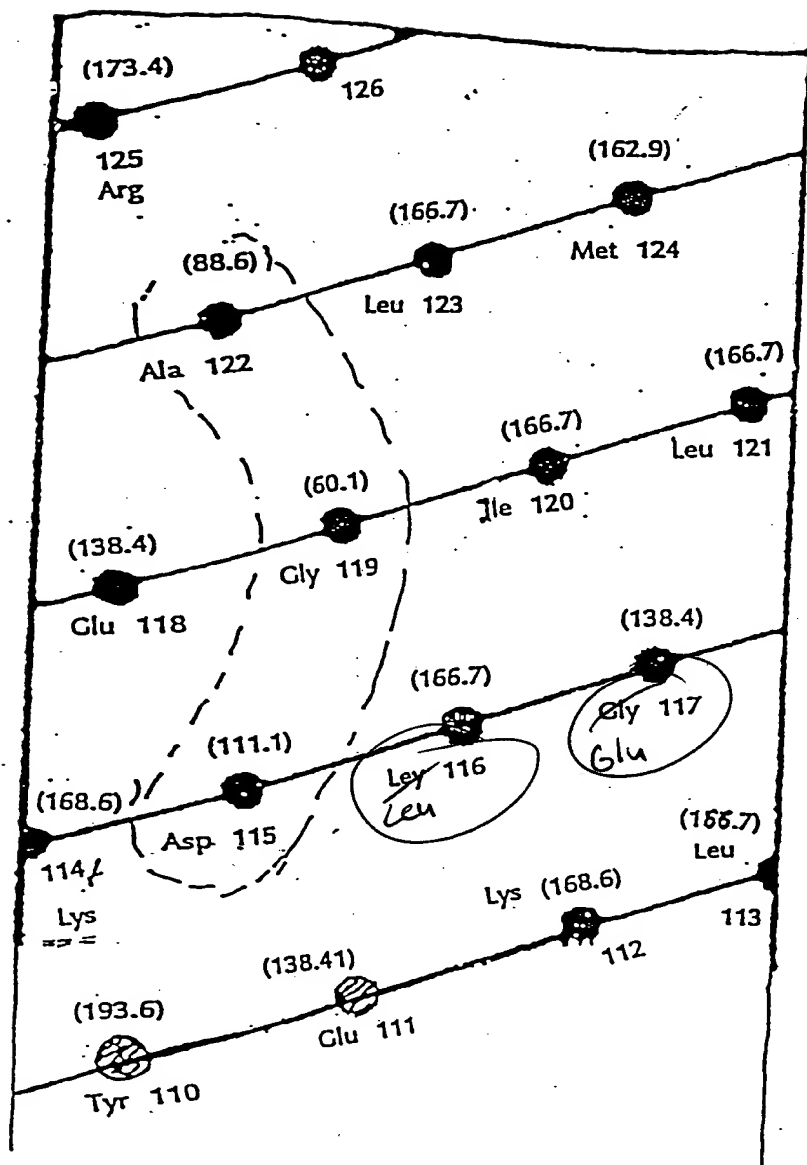
170

TAC CAG AGG GTC ATG AAG TGC CCG CCG TTC GCG GAG GCG ACG TGT GCG TTC TAG
Y L R V M K C R R F G E A S C A F END

180

190

FIG. 1



10 Å

FIG. 3